MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUPER ENAMEL ACCENT BASE
PRODUCT CODE: SE-40L

HMIS CODES:

H	F	R	P
2	2	0	H

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Lanco Mfg.
ADDRESS: URB. APONTE #3 SAN LORENZO PR, 00754
EMERGENCY PHONE: 1-800-424-9300
INFORMATION PHONE: (787) 736-4221
DATE REVISED : 02-02-97
NAME OF PREPARER : VICTOR M. HERNANDEZ

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	ACGIH TLV	OTHER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
ALIPHATIC SOLVENT	64742-88-7	500 PPM	100 PPM	N/A	2.0	68F	
*COBALTO 12%	MIXTURE	500 PPM	100 PPM	N/A	1.0	77F	< 0.5%
EAKIN #2	96-23-7	N/A	N/A	N/A	10.0	115F	

* indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 300 to 380 Deg F
SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 2.61 LB/GL (313 G/L)
MATERIAL V.O.C.: 1.90 LB/GL (228 G/L)
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR:

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 100 Deg F
METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% **UPPER:** N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

RESPIRATORY EQUIPMENT SHOULD BE WORN TO AVOID INHALATION OF CONCENTRATED VAPOR.WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NERBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS

EXTREMELY FLAMMABLE. VAPORS MAY IGNITE EXPLOSIVELY AND/OR CAUSE FLASH FIRES. ELIMINATE SOURCES OF IGNITION. NO SMOKING. USE ADEQUATE CROSS VENTILATION SUFFICIENT TO REMOVE ODOR OF SOLVENT AND VAPORS.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID

EXCESSIVE HEAT, POOR VENTILATION, CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS, STRONG ACIDS AND OXIDIZING MATERIALS, ALKALINE MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

NONE

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

ACUTE SIGS OF OVEREXPOSURE COULD BE HEADACHE, DIZZINESS NAUSEA, UPPER RESPIRATORY DRYNESS O IRRITATION, DROWSINESS, MENTAL DEPRESSION OR NARCOSIS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: SEVERE IRRITATION, TEARING, REDNESS AND BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKING CONTACT: CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION-DIZZYNESS, BREATHING DIFFICULTY, HEADACHES, & LOSS OF COORDINATION. EYE CONTACT-SEVERE IRRITATION, TERING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKING CAUSING CRACKS, IRRITATION AND DERMITITIS. INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING NAUSSEA, & DIARRHEA. NO CHRONIC HEALTH EFFECTS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

NONE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

ANESTHESIA, RESPIRATORY TRACT IRRITATION, DERMITITIS, NAUSEA, VOMITING.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION OVEREXPOSURE - MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATENTION. EYE CONTACT- FLUSHWITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICAL IMMEDIATELY.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
ELIMINATE IGNITION SOURCES, PROVIDE GOOD VENTILATION, DIKE SPILL AREA ADD ABSORBENT EARTH OR SAWDUST TO SPILLED LIQUID. THOROUGHLY WET W/ WATER AND MIX.

WASTE DISPOSAL METHOD
COLLECT ABSORBENT/ WATER/ SPILLED LIQUID MIXTURE INTO METAL CONTAINERS AND ADD ENOUGH WATER TO COVER. CONSULT LOCAL, STATE & FEDERAL HAZARDOUS WASTE REGULATION BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTED LANDFILLS. OBEY RELEVANT LAW.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE 60-95 F OUT OF SUN. USE ADEQUATED VENTILATION TO AVOID BREATHING VAPOR WHEN COVER REMOVED. KEEP AWAY EXESSIVE HEAT AND OPEN FLAMES.

OTHER PRECAUTIONS
GROUND ALL EQUIPMENT WHEN HANDLING FLAMMABLE SOLVENT BORNE MATERIALS. SMOKING IN AREA WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED.

========== SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION
WHEN SPRAYING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS AND VAPOR CONCENTRATIONS BELOW THE TIME WEIGHTED THRESHOLD LIMIT VALUES. WHEN USING IN POORLY VENTILATED AND CONFINED SPACES, USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF- CONTAINED BREATHING APPARATUS.

VENTILATION
SUFFICIENT TO KEEP WORKROOM CONCENTRATION BELOW TLV. VENTILATION EQUIP. MUST BE EXLPOSION PROOF.

PROTECTIVE GLOVES
CHEMICALS RESISTANT GLOVES.

EYE PROTECTION
USE CHEMICAL SAFETY GLASSES, GOGGLES, AND FACESHIELDS FOR EYE PROTECTION.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS WHENEVER POSSIBLE IS STRONGLY RECOMMENDED.

WORK/HYGIENIC PRACTICES
EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE IS RECOMMENDED.

========== SECTION IX - DISCLAIMER ==========

DISCLAIMER
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